Office of the Technical Regulator

Using portable LPG cylinders inside with flueless heaters

Gas Bulletin #23

Issued February 2023

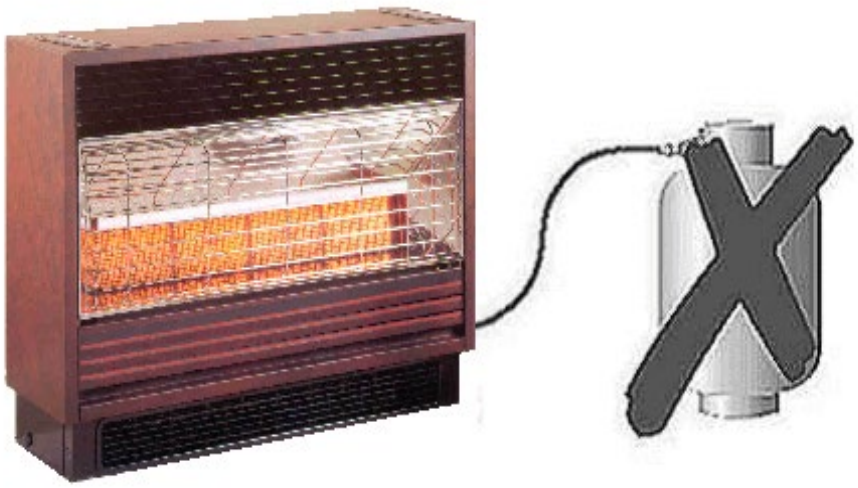
The use of LPG cylinders to provide fuel for indoor flueless heaters is not recommended. AS/NZS 5601.1 Gas Installations Standard, (referring to AS/NZS 1596:2014 Table 2.1) permits up to 20 litres (10 kilograms) of LPG to be stored inside residential premises.

However, the combination of LPG cylinder and flueless heater together can create a dangerous combination. The user may unwisely choose to ignore the safety rules in safety bulletin 13 as the appliance can be moved at will. The appliance might be used in prohibited locations (bedrooms, bathrooms), rooms that are too small and which have no permanent ventilation installed.

Gas appliance retailers and installers are urged to strongly discourage this practise and not to sell components to facilitate it.

Users of LP Gas should be aware of the hazards and risks of its storage and use.

The storage and use of LPG cylinders inside poses a significant risk and should be avoided. The cylinder could tip over and cause liquid supply to the burner, which will result in flaring. Obviously, if the regulator was to vent or the cylinder relief valve was to operate inside, the consequences could be disastrous.



Contact the Office of the Technical Regulator for more information

Online otr.sa.gov.au
Email otr@sa.gov.au
Phone 8226 5722

Government of South Australia